

EXPANDED INK SUPPLY SYSTEM FOR INKJET PRINTERS

ABSTRACT OF THE DISCLOSURE

The invention provides an expanded ink supply system for inkjet printers. The expanded ink supply system fluidically supplies an ink cartridge, which is intermittently fluidically connected to an array of movable printheads. Described are various means
10 for creating the necessary pressure to force the ink from the expanded supply to a print cartridge. In one described embodiment, the ink supply is in the form of a bag, placed at a level higher than the ink cartridge, thereby utilizing gravity to force the liquid ink via tubing into the ink cartridge's inner part fill port or alternatively, the cartridge's pump channel. Also described are steps to attach a fitting in the cartridge's inner part fill port or pump channel and steps for releasing trapped air from the ink supply system.